

**PUBLIC IMPROVEMENTS OPINION OF PROBABLE COSTS
PARKER POINTE DEVELOPMENT**

8/31/2018

No.	Description	Quantity	Unit	Unit Cost	Total Cost
<u>Earthwork</u>					
	Detention Pond Grading	48000	CY	\$ 7.00	\$ 336,000.00
	Import / Export	0	CY	\$ 15.00	\$ -
	Detention Pond Topsoil	1540	CY	\$ 2.00	\$ 3,080.00
				Earthwork Subtotal =	\$ 339,080.00
<u>Drainage and Stormwater Improvements</u>					
	18" RCP	327	LF	\$ 65.00	\$ 21,255.00
	21" RCP	150	LF	\$ 75.00	\$ 11,250.00
	24" RCP	172	LF	\$ 85.00	\$ 14,620.00
	30" RCP	278	LF	\$ 110.00	\$ 30,580.00
	36" RCP	1133	LF	\$ 135.00	\$ 152,955.00
	42" RCP	641	LF	\$ 150.00	\$ 96,150.00
	5' DIA MANHOLE	8	EA	\$ 2,750.00	\$ 22,000.00
	6' DIA MANHOLE	6	EA	\$ 3,500.00	\$ 21,000.00
	5' TYPE R INLET	4	EA	\$ 7,000.00	\$ 28,000.00
	10' TYPE R INLET	2	EA	\$ 12,000.00	\$ 24,000.00
	18" RCP PLUG	14	EA	\$ 500.00	\$ 7,000.00
	18" FES	1	EA	\$ 750.00	\$ 750.00
	36" FES W/ JOINT RESTRAINTS	2	EA	\$ 1,750.00	\$ 3,500.00
	42" FES W/ JOINT RESTRAINTS	1	EA	\$ 2,000.00	\$ 2,000.00
	TYPE M RIPRAP	64	CY	\$ 90.00	\$ 5,760.00
	TYPE L RIPRAP	395	CY	\$ 90.00	\$ 35,550.00
	TYPE II BEDDING	400	TN	\$ 70.00	\$ 28,000.00
	CONCRETE TRICKLE PAN	165	LF	\$ 110.00	\$ 18,150.00
	CLASS 6 ROAD BASE	200	TN	\$ 60.00	\$ 12,000.00
	CONCRETE OVERFLOW WALL	72	CY	\$ 200.00	\$ 14,400.00
	OUTLET STRUCTURE	1	EA	\$ 40,000.00	\$ 40,000.00
				Storm Drainage Subtotal =	\$ 588,920.00
<u>Roadway</u>					
	ASPHALT PAVEMENT -STROH ROAD	1033	SY	\$ 40.00	\$ 41,320.00
	ASPHALT PAVEMENT - INTERIOR DRIVES	8887	SY	\$ 30.00	\$ 266,610.00
	CONCRETE PAVEMENT - PARKER ROAD	7058	SF	\$ 6.50	\$ 45,877.00
	SAWCUT	2032	LF	\$ 5.00	\$ 10,160.00
	CONCRETE CROSSPAN	2365	SF	\$ 6.00	\$ 14,190.00
	CURB & GUTTER	906	LF	\$ 18.00	\$ 16,308.00
	SIDEWALK	6334	SF	\$ 3.50	\$ 22,169.00
	ACCESSIBLE RAMPS	9	EA	\$ 650.00	\$ 5,850.00
				Street Improvements Subtotal =	\$ 422,484.00
<u>Striping</u>					
	STRIPING	1	LS	\$ 20,000.00	\$ 20,000.00
				Striping Subtotal =	\$ 20,000.00
<u>Signage</u>					
	GROUND SIGNS	68	EA	\$ 350.00	\$ 23,800.00
				Signage Subtotal =	\$ 23,800.00
				Public Improvement Subtotal =	\$ 1,394,284.00
				Construction Contingency (10%) =	\$ 139,428.40
				Modilization (5%) =	\$ 69,714.20
				Surveying (3%) =	\$ 41,828.52
				Construction Management and Testing (12%) =	\$ 167,314.08
				Public Improvement Total =	\$ 1,812,569.20
				Security at 110% =	\$ 1,993,826.12

Prepared Under the Direct Supervision of
Jerry W. Davidson, P.E.
Colorado Registration # 30226
For and on behalf of
Perception Design Group, Inc.

